

Atty. Dkt. No. 025782-0113 (f.k.a. 035451/0139)

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A handheld computer, comprising:

a housing;

a display supported by the housing;

a microprocessor coupled to the display;

a memory coupled to the microprocessor;

a radio frequency transceiver coupled to the microprocessor and configured to establish and maintain a wireless link with a communications network for sending and receiving e-mail messages to and from the handheld computer; and

a program stored in the memory and configured to automatically establish the wireless link with the communications network at a time approximating a predetermined time, the program configured to select at random a time within a predetermined interval to establish the wireless link, the predetermined interval being at least one of adjacent and around the predetermined time, the program also configured to send at the time, a registration message to an e-mail messaging service provider server to register the handheld computer with the server to identify the handheld computer to deliver any e-mail message that may be awaiting delivery to the handheld computer.

2. (Original) The handheld computer of claim 1, wherein the predetermined interval is a 30 minute interval.

3. (Original) The handheld computer of claim 1, wherein the predetermined interval is a 10 minute interval.

4. (Original) The handheld computer of claim 1, wherein the predetermined interval is a 5 minute interval.

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5. (Original) The handheld computer of claim 1, wherein the predetermined time is a default time.
6. (Original) The handheld computer of claim 1, wherein the default time is in the range of 6:00 a.m. to 9:00 a.m.
7. (Original) The handheld computer of claim 1, wherein the default time is 8:00 a.m.
8. (Previously Presented) The handheld computer of claim 1, wherein the registration allows for automatic delivery of any outgoing e-mail messages for the handheld computer.
9. (Currently Amended) A method of establishing a wireless connection between a portable electronic device and a communications network, comprising:
 - selecting a predetermined time;
 - selecting an interval that is at least one of adjacent and around the predetermined time;
 - choosing at random a link time within the interval;
 - attempting to establish a wireless link with the communications network at the link time;
 - sending automatically at the link time a registration message to a messaging service provider server to identify the portable electronic device attempting to establish the wireless link link, and
 - ~~delivering any queued messages awaiting delivery to the portable electronic device from the messaging server.~~
10. (Previously Presented) The method of claim 9, further comprising:
 - delivering automatically any outgoing messages from the portable electronic device to the server.

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11. (Original) The method of claim 9, wherein the wireless link is used for providing an e-mail messaging service.
12. (Original) The method of claim 9, wherein the wireless link is a radio frequency (RF) communications link.
13. (Original) The method of claim 9, wherein the interval is in the range of one (1) minute to thirty (30) minutes.
14. (Original) The method of claim 9, wherein the predetermined time is in the range of 6:00 a.m. and 9:00 a.m.
15. (Original) The method of claim 9, wherein the predetermined time is a default time.
16. (Original) The method of claim 15, wherein the default time is 8:00 a.m.
17. (Previously Presented) A wireless e-mail messaging system, comprising:
 - a communications network; and
 - a portable electronic device including a transceiver configured to establish a wireless link to the communications network, the portable electronic device including a wake mode in which the wireless link is established and messages may be sent and received by the portable electronic device and a sleep mode in which the wireless link is not established and messages may not be sent and received by the portable electronic device, the portable electronic device including a program to randomly select a time to transition from the sleep mode to the wake mode during a predetermined time interval,
 - wherein the program is configured to cause registration of the portable electronic device with a messaging server, thereby identifying the portable electronic device to the server.
18. (Original) The system of claim 17, wherein the predetermined time interval is a 30 minute interval.

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19. (Original) The system of claim 17, wherein the predetermined time interval is a 10 minute interval.
20. (Original) The system of claim 17, wherein the predetermined time interval is a 5 minute interval.
21. (Original) The system of claim 17, wherein the predetermined time interval is a default time interval.
22. (Original) The system of claim 17, wherein the default time interval occurs in the range of 6:00 a.m. to 9:00 a.m.
23. (Original) The system of claim 17, wherein the default time interval occurs at about 8:00 a.m.
24. (Previously Presented) The system of claim 17, wherein the upon registration with the server, queued e-mails awaiting delivery to the portable electronic device are automatically delivered to the portable electronic device.
25. (Original) The system of claim 17, wherein the portable electronic device is a handheld computer.